APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The USSR and Norway, by N. P. Zarendo, 6 pp. UNCL

NORWEGIAN, per, Farmand, 21 Oct 1961.

FDD/J-1199/61

USSR
NoEur - Norway

Pol - Mil

Nov 61 174,177

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(DC-656A)
4

The Past Year, by Orbiter, 8 pp.

NORWEGIAN, per, Farmand, No 54, 23 Dec 1961,
pp 5-9.

JPRS 12427

NoEur - Norway
Pol
Feb 62

185,053

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(IC-6564)

Racial Discrimination in the USSR, 3 pp.

NORWEGIAN, per, Farmand No 54, 23 Dec 1961, pp 105, 107.

JPRS 12427

USSR
Soc
Feb 62

185,054

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

J-50/62

The Big Objective - World Communism, (DC-6564)

NORWEGIAN, per, Farmand,, No 54, 23 Dec 1961, p 114.

*JPRS

USSR
Pol
23 Jan 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

J-723/61 (DC-6116)

Conflicting Interpretations of Peaceful Coexistence, by Orbiter,

NORWEGIAN, Farmand, No 6, pp 14, 15.

*JPRS

US, USSR
Pol
22 Jun 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

J-1021/63

Soviet-Chinese Split.

NORWEGIAN, np, Aftenposten, 16, 17 Jul 1962, 2 clippings; per; Farmand, No 13/7, pp 14, 15.

*JPRS/DC-8779
Special

USSR
Pol
FE - China
Pol
Aug 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(NY-2837).

XXI Extraordinary Congress of the CPSU, 6 pp.

BULGARIAN, per, Partnatsiya, No 2, Sofia, 1959, pp 3-7.

JPRS-L-971-N

EEur - Bulgaria
Soc
Sep 59

97,150

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(DB-50K2)

Pharmacological Study of Certain Bulgarian Alkaloidal Plants, by L. Daleva, Zh. Sheikova,

BULGARIAN, per, Farmatsiya, Vol X, No 1, 1960, pp 15-17.

*JPRS

Sci - Med
16 Dec 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(DC-5043).

The Obtention of Extracts From Cheiranthus Cheiri L. and Tropeolum Majus L., and the Experimental Study of Their Effects on Blood Pressure and Respiration, by V. Petkov, M. Panova, 4 pp.

BULGARIAN, per, Farmatsiya, Vol X, No 1, 1960, pp 23-27.

JPRS 6575

137,685

Sci - Med
24 Jan 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(DC-5044)

Activity of the Scientific Research Institute for Pharmacy (NIIF), by L. Tomasini, 3pp.

BULGARIAN, per, Farmatsiya, Vol X, No 2, 1960, pp 26-28.

*JPRS 6606

Sci - Med
16 Dec 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(DC-5044)

Organization of Effective Scientific and Technical Information and Documentation for Pharmacy, by T. Trandafilov, Liub. Ionchev, 5pp.

BULGARIAN, per, Farmatsiya, Vol X, No 2, 1960, pp ~~26-28~~ 25-30

*JPRS 6606

Sci - Med
16 Dec 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(NY'-10)

PROFESSOR DIMITUR DALEV, 60 YEARS OLD,
5 PP.

BULGARIAN, PER, FARMATSIYA, VOLXI, NO 1,
1961, PP 3-4.

JPRS 12585

EEUR - BULGARIA
BIOGRAPHIS
MAR 62

183,186

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(NY-10)

THE THIRD NATIONAL CONFERENCE OF THE SICENTIFIC PHARMACEUTICAL SOCIEIIES OF BULGARIA,
7 PP

BULGARIAN, PER, FARMATSIYA, VOL XI, NO 5, 1961, PP 3-5.

JPRS 13105

SCI - MED
MAR 62

188,773

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Preparation of Nitriles by the Lead Thiocyanate Method, by B. Chemishev. BULGARIAN, per, Farmatsiya, Vol 14, No 6, 1964, pp 22-26.
NLL Ref 5828.4F (12938)

Chem
July 69

385-359

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

In Vitro Culture of Isolated Roots of Androcymbium Gramineum (Cav.) McBride, by M. Bausa.
SPANISH, per, Farmocognosia, Vol. 21, No. 60, 1961, pp 71-92
NZDIA

Sci -
Aug 67 335-754

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Spinning and Drawing of Polycondensate Filaments. 1, by W. Koch and R. Schroth GERMAN, per, Faserforschung, Vol 11, 1960, 312-319.
NLL Ref: 5828.4F (7127)

Sci-Materials
July 68

361,023

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

On the Cord Strain in Tires, by W. F. Kern.
GERMAN, per, Faserforschung und Textiltechnik,
Vol 11, No 9, 1960, pp 401-408.
NTC 71-14180-11E

Feb 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Setting of Polyester Fibres by Swelling, by
E. Wunsch, E. Schuller.
GERMAN, per, Faserforschung und Textiltechnik,
CSIRO/No. 7283

Sci -
Jul 67

334,850

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

On the Possibility of Electrolytic Rubberizing of Fabrics With Latex. (Preliminary Paper), 2 pp.

GERMAN, per, Faserforsch, Vol IV, 1924, pp 124-129,

SLA 2878

Sci
May 58

63,733

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Stresses Acting on the Cord in Tyres (1)., by
W. F. KERN,

GERMAN, per, Faserforschung, Vol XI, ~~pp 401x408x~~
~~x~~1961, pp 401-408

GB/121

Sci
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

On the Pharmacological and Physiological Effect of ε-caprolactam, by Friedrich Hohensee, 8 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol II, 1951, pp 299-303.

S.L.A. Tr No 259/1955
SLA 60-10773

Sci - Medicine
Jan 1957 CTS/dex

44,922

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Questions Concerning the Bonding of Textile Material With Natural and Synthetic Rubber, by S. Wolf, 16 pp.

GERMAN, per, Faserforsch u Textiltech, Vol II, No 18, 1951, pp 409-418.

SLA Tr 1986

Sci - Chem, synthetic yarn
Jul 57

50, 044

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Molecular Weight and Voscosity of Polyamino Acids - by Fritz Loepelmann, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol III, No 2, 1952, pp 58-65.

SLA 59-15930

Sci -
Dec 59
Vol 2, No 4

102,773

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Ripening Mechanism of Viscose, by A. Matthes, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik, 1952, Vol III, No 4, pp 127-141.

SLA 59-10151

Sci - Chem
CSS I, 12
Jul 59

92, 259

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Rheology of High Polymer Solutions, Part 1. General Principles. [1959] 7 pp, by Kurt Edelmann

GERMAN, Per , Faserforschung und Textiltechnik, 1952, Vol III, No 9, pp 341-344.

SLA 59-15318

Sci
Nov 59
Vol 2, No 3

101,049

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(FDD 20395)

The Most Important Physical Properties of Perlon Silk, (Germany), by Dr Ing Hans Bohringer, 29 pp.

GERMAN, mo per, Faserforschung und Textiltechnik, No 10, Berlin, Oct 1952, pp 381-390.

CIA/FDD/U-5978

16,546

WEur - Germany
Sci - Chemistry, industrial
Econ - Textile industry

COPYRIGHT

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Rheology of Solutions of High Polymers, Part 3, Structural Viscosity Measurements on Solutions of Polymers For Synthetic Fibers, by Kurt Edelmann, 17 pp.

GERMAN, Per, Faserforschung und Textiltechnik, 1952, Vol III, No 10, pp 412-417.

SLA 59-15317

Sci
Nov 59
Vol 2, No 3

101,050

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

(FDD 20396)

Binder Twine From Glass Fibers, by Prof Dr Ing Walter Frenzel, Dr Ing Wolfgang Bobeth, 30 pp.

GERMAN, mo per, Faserforschung und Textiltechnik, No 11, Berlin, Nov 1952, pp 440-449.

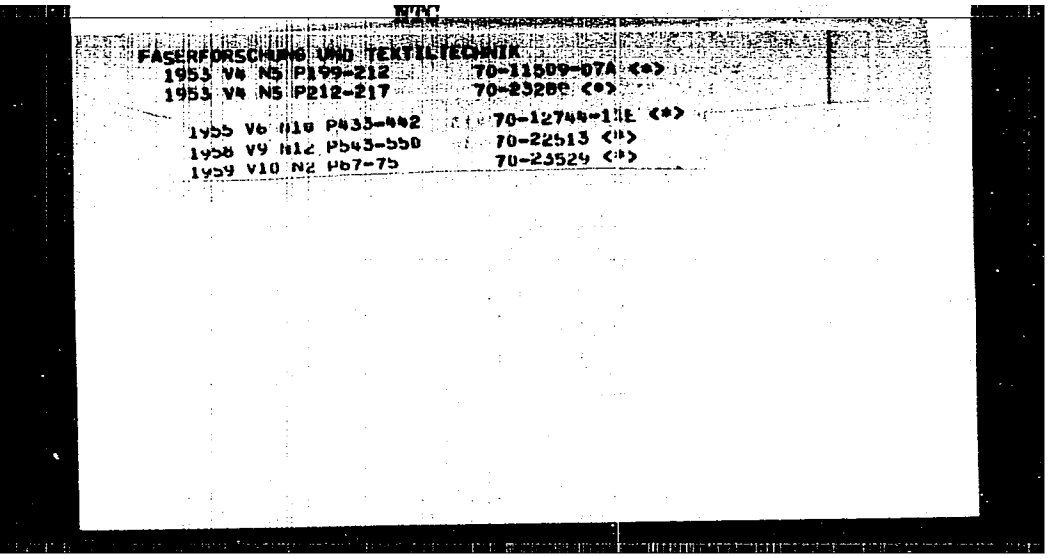
CIA/FDD/U-6034

WEur - Germany
Sci - Chemistry, industrial
Econ - Textile industry

18,146

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5



FASERFORSCHUNG UND TEXTILTECHNIK
1953 V4 N5 P199-212 70-11509-07A <*>
1953 V4 N5 P212-217 70-23209 <*>
1955 V6 N10 P433-442 70-12748-11E <*>
1958 V9 N12 P543-550 70-22513 <*>
1959 V10 N2 P67-75 70-23529 <*>

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Moths and Non-Wollen Textiles, by S. Wolf.

GERMAN, per, Faserforschung und Textil, Vol IV, 1953, pp 417-437.

CSIRO M 3398

186,655

SECRET
Edur - Econ
Feb 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

A New Process for the Production of Terephthalic Acid Dimethyl Ester from Toluol, by W. Griehl.
GERMAN, per, Faserforschung und Textiltechnik, Vol 4, 11, 1953, pp 464-469.
NTC 69-10660-07A

Sci-Chem
July 69

386,678

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Fractionation of Synthetic Fiber Materials, by A. Gordijenko, 28 pp.

GERMAN, per, Faserforsch u Textiltech, Vol IV, 1953, pp 499-507.

S.L.A. Tr 869/1956

39,048

Sci - Chemistry

TT-64-20436

Comments on Paper "Concentration-Viscosity Curves as an Index of the Cross-Linking of Perlon", by A. Matthes, 2 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol IV, No 12, 1953, pp 510, 511.

S.L.A. Trans 957

Sci - ~~Physics~~ Chemistry

29,893

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Polymerization of Acrylonitrile II. Acrylic Fibers, by Hunyar, Andreas, H. Reichert, 22 pp.

GERMAN, per, Faserforsch u Textiltech, Vol V, 1954, pp 1-8.

SLA Tr 2661

58, 532

Sci - Chemistry
Feb 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Liebscher, Ulrich and Vocke, Wolfgang.
EFFECT OF MECHANICAL STRESSES ON SPINNING POTS (Die Mechanische Beanspruchung der Spinntöpfe). [1962] [27]p. (Foreign text included)
2 refs.
Order from SLA $2.60 62-14270

Trans. of Faserforschung und Textiltechnik (Germany) 1954, v. 5, no. 1, p. 14-21.

DESCRIPTORS: *Industrial equipment, Mechanical properties, Stresses, Mathematical analysis, *Textiles, Processing.

(Materials--Textiles, TT, v. 8, no. 3)

62-14270

I. Title: Spinning pots
I. Liebscher, U.
II. Vocke, W.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Rheology of Solutions of High Polymers.
Part 4. The Influence of Polymolecularity,
by Kurt Edelmann, 13 pp.

GERMAN, Per, Faserforschung und Textiltechnik,
1954, Vol V, No 2, pp 59-64

SLA 59-15319

Sci
Nov 59
Vol 2, No 3

101,051

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Mixed Polyamide Fiber Trelon, by 6 pp.

GERMAN, per, Faserforsch u Textiltech, Vol V, No 4, 1954, pp 171, 172.

SIA Tr 1971

Sci - Chem, synthetic yarn
Jul 57

50,042

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Fiber Research and Textile Technology(Table of Contnets), 2 pp.

GERMAN, per, Faserforschung und Textiltechnik, May 1954.

G-2, GSUSA G-3185

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Table of Contents of "Fiber Research and Textile Technology," 1 p. (ID 1277006). UNCLASSIFIED

GERMAN, per, Faserforschung und Textiltechnik, Berlin, Sep 1954.

G-2, GSUSA G-4074 B

KEur - Germany
Economic

Apr 55 CTS/DEX

22,397

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Textile Serviceability Tests v. Wear Tests of Stockings, by H. Bohringer, F. Bolland.

GERMAN, per, Faserforschung und Textiltechnik, Vol V, No 5, 1954, pp 193-203.

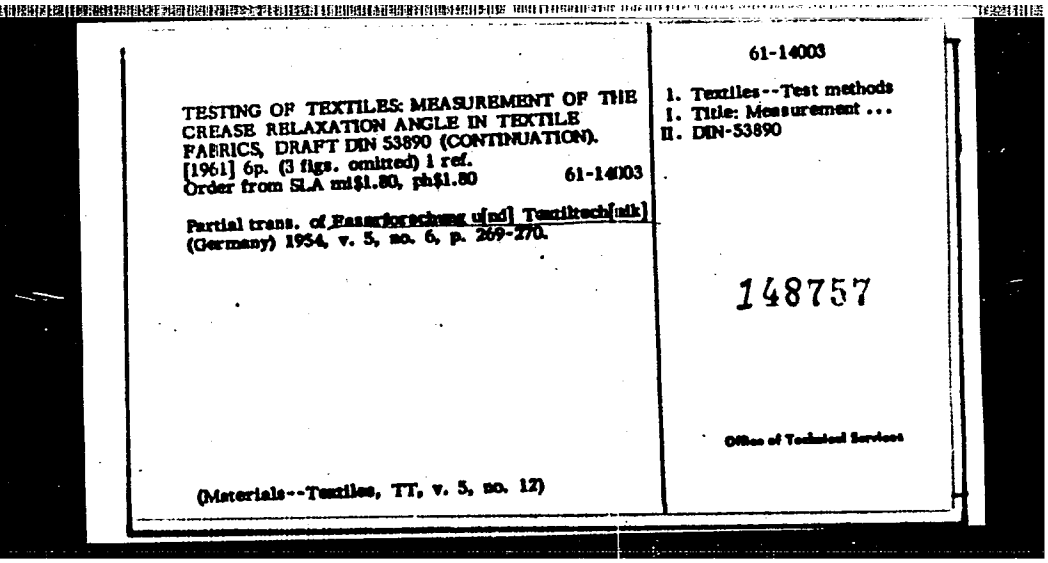
GB/256/T.295

Sci-Engr
Mar 63

225,287

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5



TESTING OF TEXTILES: MEASUREMENT OF THE CREASE RELAXATION ANGLE IN TEXTILE FABRICS, DRAFT DIN 53890 (CONTINUATION). [1961] 6p. (3 figs. omitted) 1 ref. Order from SLA mi$1.80, ph$1.80 61-14003

Partial trans. of Faserforschung u[nd] Textiltech[nik] (Germany) 1954, v. 5, no. 6, p. 269-270.

(Materials--Textiles, TT, v. 5, no. 12)

61-14003

1. Textiles--Test methods
I. Title: Measurement ...
II. DIN-53890

148757

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Reworking of Polyamide (Perlon, Nylon, and Trelon) Wastes by the Depolymerization-Filtration Method, by Hermann Ludewig, Karl Froeber, 20 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol 5, No 7, 1954, pp 277-284.

SLA 59-15783

Sci
Dec 59
Vol 2, No 4

102,720

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Potentiometric Investigations of Viscose Solutions, II. Communication on the Analytics of Viscose, by Burkart Philipp, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol V, No 8, 1954, pp 337-347.

SLA 59-17023

Sci
Jan 60
Vol 2, No 7

104,822

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Identification and Isolation of Skin of Polyamide Fibers, by Karl Schwertassek, 12 p.

GERMAN, par, Faserforsch Textiltech, 1954, Vol V, No 11, pp 493-497.

SLA 59-20825

Sci
Apr 60
Vol XXI, No 2

113,571

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Structure of Polyamide Fiber, by Karl Schwertassek, 22p.

GERMAN, per, Faserforsch Textiltech, 1955, Vol VI, No 2, pp 45-53.

SLA 59-20824

Sci
Mar 60
Vol 3, No 1

110,972

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

A Contribution to the Molecular Weight Distribution in Polycondensation Products A Lecture Given at the Conference on "Fibres from Synthetic High Polymers" Held in Berlin on 1st April 1955, by W. [redacted]Griehl.

GERMAN, per, Faserforsch u Textiltech, Vol VI. No 6, 1955, p 260 268

ASLIB-GB35

Sci

Jul 59

92,695

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

A Comparison of CO-Polyamide Fibers of the Trelon Group with the Polyamide (Perlon, Nylon) and Polyester Fibers, by H. Ludewig, 21 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VI, No 6, 1955, pp 277-288.

SLA Tr 57-1794

Sci

Jul 58

67,974

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

New Methods in the Manufacture of Carbon Disulphide, by A. Wilke.

GERMAN, per, Faserforsch u Textiltech, Vol VIII, Sep 1955, pp 341-350.

ASLIB-CB121

Sci

Aug 58

71,661

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Abbreviated Procedures of Viscose Manufacturing, by W. Matthaes, 6 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VI, No 9, 1955, pp 398-401.

SLA Tr 57-1792
SLA 60-10765

Bcl

Jul 58

67,976

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Kinetics of the Reaction of Carbon Disulfide With Caustic Soda. Part I, by B. Philipp. GERMAN, per, Faserforschung und Textiltechnik, Vol 6, No 10, 1955, pp 433-442.
NTC-70-12744-11E

ASLIB - BB 121

Feb 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Kinetics of the Reaction of Carbon Disulphide With Caustic Soda. Part II., by B. Philipp.

GERMAN, per, Faserforsch u Textiltech, pp 509-620, Nov 1955.

ASLIB-CB121

Sci - Chem
Aug 58

70,41F

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Evolution of Formaldehyde during Ironing of Crease-Proofed Fabrics, by W. Vauck.

GERMAN, per, Faserstofftech u Textiltech, Vol V, Sep 1955, pp 529-531.

ASLIB-GB121

Sci

Aug 58

71,660

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

PHILIPP, B.
ASLIB-GB121. Kinetics of the reaction of carbon disulphide with caustic soda. Pt.2. Faserforsch. u. Textiltech., p.509-620, Nov. 1955.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Sommer, H.
PHYSICAL CHANGES IN TEXTILES DUE TO ENVIRONMENTAL INFLUENCE (Eigenschaftsänderungen der Textilien durch Umwelteinflüsse) tr. by D. A. Sinclair. 1960, 49p. 36 refs. Technical trans. 917.
Order from NRCC $2.50 NRCC C-3517

Trans. of Faserforsch[ung] u[nd] Textiltech[nik] (Germany) 1956, v. 7, no. 1, p. 1-13.

151492

(Materials--Textiles, TT, v. 5, no. 8)

61-12633

1. Textiles--Mechanical properties
2. Textiles--Temperature factors
I. Sommer, H.
II. NRCC TT-917
III. NRCC C-3517
IV. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Frenzel, Walter and Kuntze, Rolf.
AUTOMATIC TWIST COUNTER. (Automatischer Drehungszähler) 20 June 56 [30]p. 25 refs.
Order from SLA $2.60 61-16586

Trans. of Faserforschung und Textiltechnik (Germany) 1956, v. 7 [no. 2] p. 53-63.

DESCRIPTORS: Automatic, *Threads, Processing, Textiles, Fibers, Industrial equipment.

After a review of the known twist testing methods, a new automatic twist tester is described, which is based on the thread tension change by twisting. The evaluation of the plots obtained is explained, and some examples of the application to different yarns are shown. (Author)

(Materials--Textiles, TT, v. 6, no. 6)

61-16586

I. Title: Twist counter
I. Frenzel, W.
II. Kuntze, R.

176557

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Solubility of Polyacrylonitrile. XIII, Communication Concerning Acrylic Filaments, by A. Munyar and H. Reichert, 16 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VII, No 4, 1956, pp 165-170.

SLA Tr 57-1955

Sci

Jul 58

67,971

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Experiments on Alkaline Polymerization of ε-Caprolactam, by Wolfgang Griehl, 10 pp.

GERMAN, per, Faserforsch und Textiltech, Vol VII, 1956, pp 207-212.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-281

487,661

Sci - Chemistry
May 1957 CTS/dex

IAC INTERNAL USE ONLY

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Direct Spinning Processes I, II, by W. Grenzel and H. Stoever.

GERMAN, per, Faserforschung u Textiltechnik, Jun-Jul 1956, pp 241-251, 297-305.

ASLIB-GB112

Sci

72,500

Aug 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Hager, Karl-Fried.
EXPERIMENTAL STUDIES OF AIR FRICTION IN SPINNING POTS. [1962] [19]p. 33 refs.
Order from SLA $1.60 62-14585

Trans. of Faserforschung und Textiltechnik (Germany) 1956, v. 7, [no. 8] p. 339-345.

DESCRIPTORS: *Gas flow, Resistance, *Friction, *Textile industry, Electric machinery, Mathematical analysis.

The higher electrical energy requirement of pot spinning machines in contrast to the bobbin spinning process is principally caused by friction losses owing to the air flow at the wall of the pot. The air resistance of a spinning pot with and without a jacket was calculated and estimated by experiments. Formulas for the air resistance and experimentally determined coefficients were developed, which made possible a survey of the air friction losses of spinning pots of various dimensions for designing purposes. (Author)

62-14585

1. Title: Spinning pots
I. Hager, K.-F.

(Materials--Textiles, TT, v. 8, no. 9)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Two Tested Arrangements for Measuring The Electrostatic Charge on Moving Textile Filaments, by Otto Lochmuller, 14 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol VII, No 9, 1956, pp 408-412.

SLA 60-18394

196,853

Sci
Vol 4, No 10
May 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Matthaes, Werner.
PRODUCTION OF VISCOSE LOW IN ALKALI. 1 Aug 59. 5p. 7 refs.
Order from SLA $1.10 61-16788

Trans. of Faserforschung und Textiltechnik (Germany) 1956, v. 7, p. 420-422.

DESCRIPTORS: *Cellulose, Textiles, Rayon fibers, Processing, Chemical reactions.

Readily soluble xanthates which can also be dissolved in water without lye addition and accordingly lead to viscoses low in alkali are obtained if the alkali cellulose is diluted with dissolving water shortly after CS_2 addition. Also alkali celluloses of a cellulose content of 20% and less lead to readily soluble xanthates when xanthated. (Author)

(Materials--Textiles, TT, v. 6, no. 5)

61-16788

1. Matthaes, W.

180564

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Influence of Various Spinning Conditions on Drawing, by D. Nabus, H. Sauer,

GERMAN, per, Faserforsch und Textiltechnik, Vol. VII, No 10, 1956, pp 468-476.

ATS 351-GJ

Sci -Chem

ATS-69 M376

Aug 60

123,332

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Binary and Ternary Copolymerisates with Basic or Acid Components for the Production of Acrylic Fibers., by H. Reichert and A. Hunyar, 39 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VII, No 12, 1956, pp 546-556.

SLA Tr 57-1993

Sci

Jul 58

67,977

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Influence of the Spinning Speed on the Drawing of Perlon Yarn, by Horst Sauer, 7 p.

GERMAN, per, Faserforschung und Textiltechnik, 1956, Vol VII, No 12, pp 561-564.

SLA 59-17400

Sci
Jan 60
Vol 2, No 8

105 520

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Kinetics of Xanthate Reaction of Cellulose. Communication No 2. The Influence of Chemical and Morphological Structure of Alkali Cellulose on the Course of Fiber Xanthation, by B. Philipp.
GERMAN, per, Faserforschung und Textiltechnik, Vol 8, No 2, 1957, pp 45-52.
MIC-69-12746-11E

Sci-Mat
Sept 69

391,207

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Kinetics of the Xanthogenation of Cellulose, Part III. Alkali Cellulose and Mixture of CS_2 and COS, by Burkhart Philipp, 13 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol VIII, No 3, 1957, pp 91-98.

SLA 59-10168

Sci - Chemistry
Sep 59
Vol II, No 2

98,648

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Branched Polyacrylonitrile With the Aid of N. N'-[redacted]
Methylene-bis-Acrylamide. 18th Report on Acrylic
Fibers, by A. Munyar, E. Roth, 33 pp.

GERMAN, per, Faserforsh u Textiltech, Vol VIII,
No 3, 1957, pp 99-108.

SLA 57-3390

cl
ug 59

94,533

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Measurement of the Snarling Tendency of Yarns and Doubled Yarns, by W. Frenzel, K. H. Banke.
GERMAN, per, Faserfor. U. Textiltech., 1957, pp 129-138.
GB/256?T.601

Sci -
Jul 67 334,762

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Branched Polyacrylonitrile Part II Comparative Investigations on Normal and Branched Polyacrylonitriles, Designed to Demonstrate Branching, by A. Munyar, E. Roth, 12 pp. XIX, Acrylic Fibers,

GERMAN, per, Faserforsch u Textiltech, Vol VIII, No 4, 1957, pp 143-150.

ATS-88J18G
Ats-53-6J

Sci

Jul 59

92,696

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Branched Polyacrylonitrile. Part III. The Spinning and the Textile Properties of Fibers from Branched Polyacrylonitriles, XX, [redacted] Acrylic Fibers, by [redacted] A. Hunyar, E. Roth, 10 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VIII, No 5, 1957, pp 179-184.

ATS 15J18G

Sci

Jul 59

92,697

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

TIRE
The Cord Testing, by W. Frenzel, W. Kittelmann,
17 pp.

GERMAN, per, Faserforschung und Textiltechnik,
Vol VIII, No 6, 1957, pp 222-230.

SLA 59-10167.

Sci-Engr
Jun 59
CHE I, 10

89,714

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Effect of Textile Assistants on the Dirt Absorption of Textiles From Perlon Fibres. I, by A. Wicklein.

GERMAN, per, Faserforsch und Textil, Vol VIII, No 6, 1957, pp 230-239.

NRCC TT-841

Sci - Chemistry
Jan 61

136,420

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Investigations on the Influence of the Average Degree of Polymerization and the Concentration of Cellulose in Viscose on Some Physical Properties of Fibers of Regenerated Cellulose, by H. Klare, 9 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol VIII, No 7, 1957, pp 262-267.

SLA 59-10165

Sci-Chem
Jun 59
CTS I, 10

89,713

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

A New Method for the Paper Chromatography of Dispersed Dyes, by Jaroslav Janoushek, 5 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol VIII, 1957, pp 339-340. 9690552

DDC RSIC-102

Sci - Chem
Jan 64

248,844

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Investigation of the Formation of Regenerated Cellulose Filaments from Viscose, 2nd Report

GERMAN, per, Faserforschung und Textiltechnik, Vol VIII, pp 348-354. 1957

C.S.I.R.O.
Chief Librarian
SLA 61-16587

Sci

115,797

May 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Stress in Perlon Filament in Cold-Drawing, by
D. Hatus;

GERMAN, per, Faserforsch und Textiltechnik, Vol V,
No 10, 1957, pp 431-434.

ATS 347-GJ

Sci - Chem

Aug 60

123,331

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Bobeth, Wolfgang and Kändler, Liselotte.
THE IDENTIFICATION OF THE STATE OF FIXATION OF POLYAMIDE FIBER MATERIALS BY AID OF FLUORESCENCE MICROSCOPY. [1960] 11p.
(3 figs. and refs. omitted).
Order from SLA mi$2.40, ph$3.30 60-18425

Trans. of Faserforschung und Textiltechnik (Germany) 1957, v. 8 [no. 11] p. 444-447.

(Materials--Textiles, TT, v. 5, no. 3)

60-18425

1. Fluorescence--Applications
2. Synthetic fibres--Processing
I. Bobeth, W.
II. Kändler, L.

143,043

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Ziabicki, A.
SOME REGULARITIES IN SPINNING SYNTHETIC FIBERS. Supplement to the report "Influence of the Spinning Rate on the Stretching of Perlon Fibers [by H. Sauer]. 21 Feb 63, 10p. 7 refs.
Order from SLA $1.10 63-18089

Trans. of Faserforschung u[nd] Textiltechnik (East Germany) 1957, v. 8 [no. 11] p. 467-469.

DESCRIPTORS: *Fibers (Synthetic), Thickness, *Heat transfer, Numerical analysis, Thermal radiation, *Nylon, Polyamide plastics, *Rayon, Tensile properties.

(See also 59-17400)

(Materials--Textiles, TT, v. 10, no. 9)

63-18089

1. Title: Spinning
2. Title: Perlon
I. Ziabicki, A.
II. Title: Influence ...
III. Sauer, H.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Sulphite Cooking of Wood in the Absence of a Base, by Paul Schorning, 14 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol VIII, No 12, 1957, pp 487-494.

SLA 59-10166

Sci Chem
Jun 59
CHB I, 10

89,718

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Continuous Polymerization of Acrylonitrile,
by J. Mintzer, M. Coman, 15 pp.

~~SRH~~ GERMAN, per, Faserforsch u Textiltech,
Vol IX, No 1, 1958, ~~pp 1-10.~~

~~ATS-87N40G~~
ATS-697-GJ

Sci
Mar 62
Vol 4, No 4

187,762

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Bettermann, Kurt.
THE POT SPINNING OF STAPLE FIBERS IN THE DRY SPINNING PROCESS (Betrachtungen liber das Topfspinnen von Stapelfasern nach dem Trocken-spinnverfahren). [1961] [23]p. 15 refs.
Order from SLA $2.60 61-16594

Trans of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 2, p. 67-75.

DESCRIPTORS: *Threads, Processing.

As basis for subsequent practical experiments, fundamental studies were made on the suitable type of spindle and the most appropriate yarn doffing process. Furthermore, the technical and economic advantages of the single or total doffing are compared and the operations involved in the starting of the spinning and the correction of thread breaks as well as the possibilities of automatization of pot spinning are treated. (Author) (Materials--Textiles, TT, v. 6, no. 5)

61-16594

1. Title: Pot spinning
I. Bettermann, K.

176559

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Dependence of Tensile Strength of Filaments Upon Specimen Length. I. Theoretical Section, by A. Sippel,

GERMAN, per, Faserforsch u Textiltech, Vol IX, No 5, 1958, pp 163-167.

A13 172-GJ

Sci
Nov 59

100,392

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

On an Effective Process for the Addition of TiO_2 in the Manufacture of Poly-caprolactam Staple Fibers, by Ehrhardt Fritzsche, Geza Odor, 8 p.

GERMAN, per, Faserforschung und Textiltechnik, 1958, Vol IX, No 5, pp 189-193.

SLA 59-17386

Sci
Jan 60
Vol 2, No 8

105517

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Changes Brought About by Moisture in Some Important Mechanical and Technological Properties of Untreated and of Chemically Treated Wool, by G. Nitschke.
GERMAN, per, Faserforschung und Textil, Vol IX, No 6, 1958, pp 217-226.
CSIRO No 6588

EEur - Germany
Econ
Jun 64

261,275

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Griehl, Wolfgang and Versaumer, Heinz.
ON THE SPINNING OF POLYCONDENSATE FIBERS AT HIGH SPEEDS OF DELIVERY (QUICK SPINNING). [1961] 12p. 6 refs.
Order from SLA $1.60 61-20633

Trans. of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 6, p. 226-231.
Another trans. is available from SLA mi$2.40, ph$3.30 as 60-18400 [1960] [19]p.

DESCRIPTORS: *Synthetic fibers, Processing, *Textiles, *Nylon, Industrial production, Plastics, Polymers, Fibers.

For abstract see Technical Translations 4: 630, 1960.

(Materials--Textiles, TT, v. 7, no. 5)

61-20633

1. Title: Spinning
I. Griehl, W.
II. Versaumer, H.

TP/256/T.975

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Action of Bivalent Cations on Cellulose Xanthate Gels, by Anneliese Grosbe, Hermann Klare, 24 p;

GERMAN, par, Faserforschung und Textiltechnik, 1958, Vol IX, No 7, pp 262-272.

SLA 59-17444

Sci
Feb 60
Vol 2, No 10

108895

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Investigations on the Kinetics of Second Aging in Viscose, by Burkart Philipp, Horst Dautzenberg, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol IX, No 8, 1958, pp 307-321.

SLA 60-10777

Sci

OTS, Vol III, No 7

Nov 60

133,117

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Reaction of Cellulose Fibres With Reactive Dyes and the Influence of the Fibre Structure on these Processes, by K. Schwertassek.

GERMAN, per, Faserforsch. und Textiltech, Vol IX, No 8, 1958, pp 321-329.

NRCC -TT- 867

Sci - Chemistry
Jan 61

136,440

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Hamann, Adolf.
THE RAPID POLYMERIZATION OF CAPROLACTAM.
[1962] 21p. 22 refs.
Order from SLA $2.60
62-10656

Trans. of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 9, p. 351-361.

DESCRIPTORS: *Synthetic fibers, *Lactams, Polymerization, Sodium compounds, Hydroxides, Hydrogen, Water, Heating, Melting, Manufacturing methods.

In the rapid polymerization of caprolactam with sodium hydroxide the real initiator of polymerization, the salt-like sodium lactam, is formed in a preliminary equilibrium reaction when the unfavorable equilibrium is permenantly distorted by the removal of the water which is simultaneously formed. In contract with the normal distribution, the polymeriante is characterized at first by an overabundance of long chain molecules; this is (Chemistry--Organic, TT, v. 9, no. 4)

62-10656

I. Hamann, A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Böhringer, H[ans] and Bolland, F[ritz].
DEVELOPMENT AND TESTING OF PROFILED SYNTHETIC FIBRES WITH OR WITHOUT CAVITIES. [1962] [21]p. 5 refs.
Order from SLA $2.60 63-15589

Trans. of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 10, p. 405-416.
Other translations are available from SLA mi$3.00, [illegible] as 59-17264 [1959] [33]p. and mi$2.70, [illegible] as 59-17767, June 59 [21]p.

DESCRIPTORS: *Fibers (Synthetic), Textiles, Cavitation, Polyamide plastics, Processing, Tests.

For abstract see Technical Translations: 2: 596, 1959.

(Materials--Textiles, TT, v. 9, no. 11)

63-15589

1. Title: Perlon
I. Böhringer, H.
II. Bolland, F.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

System of Dynamic Testing Methods for High-Polymer Solids, II. Generalization of the System by Friedrich Winkler, 24 p.

GERMAN, per, Faserforsch u Textiltech, 1958, Vol IX, No 11, pp 476-484

SLA 59-20826

Sci
Apr 60
Vol III, No 2

113,574

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Urbanczyk, Gregor W.
CONTRIBUTION TO THE QUESTION OF THE DEPENDENCE BETWEEN THE IMPACT TENSILE TEST STRENGTH AND SUBMICROSCOPIC ORIENTATION OF THE POLYCAPROLACTAM FIBER. [1962] 11p. (5 figs. 3 tables omitted) 10 refs.
Order from SLA $1.60 62-16712

Trans. of Faserforschung und Textiltechnik (Germany) 1958, v. 9, no. 11, p. 488-493.

DESCRIPTORS: *Synthetic fibers, *Polymers, Tensile properties, Molecular association, X-ray Diffraction analysis.

The impact tensile strength and the static strength of differently drawn poly-caprolactam fiber samples are investigated. The results are compared with the degree of orientation of the molecules in the fiber, de-
(Materials--Textiles, TT, v. 8, no. 7) (over)

62-16712

1. Title: Caprolactam
I. Urbanczyk, G. W.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

The Reaction Mechanism of Titanium Dioxide as a ~~EMUS~~ Catalyst in the Photodegradation of Cellulose, by J. Schurz, E. Kienzl.

GERMAN, per, Faserforsch. und Textiltech, Vol IX, No 12, 1958, pp 513-519.

NRCC-TT-870
CSIRO
NRCC C-3322

Sci - Chemistry
Jan 61

136,405

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Gohlke, B. and others.
OBTAINING VISCOSE IN A ONE-CAN PROCESS. I. ALKALIZING AND PREMATURING PROCESS AND INVESTIGATIONS ON ITS MANIPULATION DURING THE TREATMENT OF NORMAL RAYON CELLULOSE IN SHORT LYE. (Beiträge zur Frage der Gewinnung von Viskosen im Eintopfverfahren, I). 20 Jan 60 [29]p. 24 refs.
Order from SLA $2.60 61-16596

Trans. of Faserforschung [und] Textiltechnik (Germany) 1959, v. 10, no. 2, p. 53-62.

DESCRIPTORS: *Cellulose, *Rayon fibers, Processing, Textiles.

(Materials--Textiles, TT, v. 6, no. 6)

61-16596

I. Gohlke, B.
II. Title: Alkalizing...

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Thermo Dynamic Calculations for the Spinning Process of Synthetic Fibers, by V. Pechoc, 14 pp.

GERMAN, per, Faserforschung Textilt, Vol X, No 2, 1959, pp 62-67.

SLA 59-15815

Sci
Jan 60
Vol 2, No 5

104, 787

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5

Theoretical Studies on the Doffer Cylinder Diameter of Wool Carding Machines, by E. Boroczy.

GERMAN, per, Faserforschung und Textiltechnik, Vol X, No 2, 1959, pp 67-75.

CSIRO 5051

Sci - Engr
Apr 62

191,390

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170046-5